

Acknowledgments

This book would have withered away and died had it not been for the efforts of Paul N. Weinberg of STORC Enterprises. It was his marketing skills that brought it back to life and demonstrated to me its potential. Many of his ideas substantially improved the book and have been incorporated into it. The value of a skilled partner is incalculable.

The idea for the game of displaying words on the cube originated with Jack Looney, to whom I am grateful.

THE SIMPLE SOLUTION TO RUBIK'S CUBE™

A Bantam Book / Published by arrangement with
Paul N. Weinberg and STORC Enterprises,
Mountain View, CA 94043

Bantam edition / June 1981

"Rubik's Cube" is a trademark of Ideal Toy Corporation, Hollis, New York, for puzzles. The term "Rubik's Cube" as used herein means the cube puzzle sold under that mark and is used without the permission of Ideal Toy Corporation. This book does not emanate from and is neither sponsored nor authorized by Ideal Toy Corporation.

All rights reserved.
Copyright © 1981 by James G. Nourse
Cover art copyright © 1981 by Bantam Books Inc.
This book may not be reproduced in whole or in part, by
mimeograph or any other means, without permission.
For information address: Bantam Books

ISBN 0-553-14017-5

Published simultaneously in the United States and Canada

Bantam Books are published by Bantam Books, Inc. Its trademark, consisting of the words "Bantam Books" and the portrayal of a bantam, is Registered in U.S. Patent and Trademark Office and in other countries. Marca Registrada. Bantam Books, Inc., 666 Fifth Avenue, New York, New York 10103.

PRINTED IN THE UNITED STATES OF AMERICA

16 15 14 13 12

Contents

Introduction	7
About the Rubik's Cube	11
Summary of Solution	18
Notation and Terminology	24
Complete Solution	31
Step 1 (Top Edges)	31
Step 2 (Top Corners)	35
Step 3 (Vertical Edges)	38
Step 4 (Bottom Corners)	42
Step 5 (Bottom Edges)	47
Afterword	54
Other Games to Play	56
Speed Cubing	56
Competition	56
Answers	63